

1. (Currently Amended). A recording sheet for ink jet printing comprising a support wherein at least one ink receiving layer is coated thereon and contains binders, a porous inorganic oxide and a water soluble monohydroxycarboxylic acid ~~[[an aliphatic hydroxycarboxylic acid with more than 2 C atoms]]~~; wherein said porous inorganic oxide is colloidal aluminum oxide, colloidal aluminum oxide/hydroxide or pseudo-bohemite and wherein said porous inorganic oxide further includes at least one element of the rare earth metal series of the periodic system of the elements with atomic numbers 57 to 71.

2. (Canceled).

3. (Currently Amended). A recording sheet according to claim ~~[[2]]~~ 1 wherein said water soluble monohydroxymonocarboxylic acid is 2-hydroxypropionic acid.

4. (Canceled).

5. (Previously Presented). A recording sheet according to claim 1 wherein said porous inorganic oxide is colloidal γ -Al₂O₃.

6. (Canceled)

7. (Canceled).

8. (Currently Amended). A recording sheet according to claim ~~[[7]]~~ 1 wherein said pseudo-bohemite is prepared by

hydrolysis of aluminum isopropoxide in the presence of the hydroxycarboxylic acid.

9. (Previously Presented). A recording sheet according to claim 1 to wherein said binders are gelatine, polyvinyl alcohol or polyvinyl pyrrolidone or mixtures thereof.

10. (Canceled).

11. (Currently Amended). A recording sheet according to claim [[7]] 1 wherein said element is present in an amount of from 0.04 to 4.2 mole percent relative to Al₂O₃.

12. (Previously Presented). A recording sheet according to claim 1 further comprising water soluble metal salts selected from the group consisting of alkaline earth metal salts and rare earth metal salts.

13. (Previously Presented). A recording sheet according to claim 12 wherein said rare earth metal salt is lanthanum nitrate.

14. (Previously Presented). A recording sheet according to claim 1 further comprising cross-linking agents.

15. (Previously Presented). A recording sheet according to claim 1 further comprising fillers selected from the group

consisting of kaolin, talcum, Ca- or Ba-carbonates, silica, titanium dioxide, bentonite, zeolite, aluminum silicate, calcium silicate or colloidal silicium dioxide and polymer beads.

16. (Previously Presented). A recording sheet according to claim 1 further comprising at least one or more of a compound selected from the group consisting of surfactants, brightening agents, UV absorbers, light stabilizers and antioxidants.

17. (Currently Amended). A recording sheet according to claim 1 wherein said porous inorganic oxide and said water soluble monohydroxycarboxylic acid [~~aliphatic hydroxycarboxylic acid with more than 2 C atoms~~] are in the same layer.

18. (Previously Presented). A recording sheet according to claim 1 further comprising an auxiliary layer which includes a porous inorganic oxide and or an aliphatic hydroxycarboxylic acid with more than 2 C atoms.

19. (Previously Presented) A recording sheet according to claim 1 wherein the coating on said support has a thickness in the range of 0.5 to 100 μm dry thickness.

20. (Previously Presented) A recording sheet according to claim 1 wherein said support is coated with an antistatic layer or an anticurl layer on the uncoated support surface.

21. (Previously Presented) A recording sheet according to claim 1 further comprising fillers selected from the group consisting of inorganic inert particles